

[TAB #13]

**Attachment #11**

NOV 29 2001

**Summary of 510(k) Submission**

**A. INFORMATION**

**1. SUBMITTER'S**

NAME:

TILLOTSON HEALTHCARE  
CORPORATION

ADDRESS:

360 Route 101  
Bedford, NH 03110 U.S.A.

TELEPHONE NUMBER:

(603) 472-6600

CONTACT PERSON:

F.W. Perrella

DATE SUMMARY PREPARED:

September 2001

**2. NAME OF DEVICE**

TRADE OR PROPRIETARY NAME:

HPI Sensi Grip® Sterile Powdered Latex  
Surgical Glove, With labeled Protein  
Content and Made from Allotex® an  
Enzyme Treated Natural Rubber Latex

COMMON OR USUAL NAME:

Surgical Glove

CLASSIFICATION  
NAME:

Surgical Glove

**3. PREDICATE DEVICE IDENTIFICATION  
NAME, NUMBER**

HPI Ortho Surgeon's Glove (K894828)

**4. DESCRIPTION OF DEVICE**

**a. HOW THE DEVICE FUNCTIONS:**

Natural Rubber Latex films form a barrier to body fluids and bloodborne pathogens.

**b. SCIENTIFIC CONCEPTS THAT FORM THE BASIS FOR THE DEVICE:**

The latex rubber is water tight under normal conditions of use. It's tensile  
properties cause it to conform to the hand, allowing movements necessary for a  
medical procedure.

**c. PHYSICAL AND PERFORMANCE CHARACTERISTICS SUCH AS DESIGN,  
MATERIALS AND PHYSICAL PROPERTIES:**

Natural Rubber Latex is known to create a barrier to bloodborne pathogens and  
and body fluids. ASTM conforming tensile properties create a glove that is strong  
and flexible. The leaching and washing process removes traces of chemical accelerants  
That may be chemically irritating. The glove is manufactured in accordance with the  
Requirements of ASTM D3577-00 and ASTM D5151-99 requirements.

**5. STATEMENT OF INTENDED USE, INCLUDING DESCRIPTION OF THE DISEASES OR  
CONDITIONS THAT THE DEVICE WILL ADDRESS**

The Sensi Grip® Surgical Glove is a disposable device intended for medical use within  
hospitals and other healthcare facilities during invasive and non-invasive medical  
procedures requiring sterility. They are intended to be worn on the operating room  
personnel's hand to protect a surgical wound from contamination.

6. EXPLANATION OF SIMILARITIES OR DIFFERENCES TO PREDICATE DEVICE

- ☐ The modified product has a protein labeling claim and a raw material change whereby the natural rubber latex is treated with proteolytic enzymes to digest natural rubber latex proteins compared to the predicate product.
- ☐ It is a powdered surgical glove in the same way as the predicate product, but with protein content labeling, and Made from Allotex an enzyme treated natural rubber latex claim.

B. IF THE DECISION BASED ON PERFORMANCE DATA

1. DISCUSSION OF NON-CLINICAL TESTS

SPECIFICATION	PROPOSED Powdered (with protein content labeling and Made from Allotex an enzyme treated natural rubber latex claim)	PREDICATE Powdered
PERFORMANCE STANDARDS	ASTM D3577-00 Meets or Exceeds Requirements	ASTM D3577-91 Meets or Exceeds equirements
WATER TIGHTNESS	ASTM D5151-99 Meets or Exceeds Requirements	ASTM D5151-92 Meets or Exceeds equirements
RESIDUAL PROTEIN	ASTM D5712-99 Meets or Exceeds Requirements	

2. DISCUSSION OF CLINICAL  
TESTS

SPECIFICATION	PROPOSED	PREDICATE
<u>SAFETY</u> SKIN IRRITATION	Meets or Exceeds Requirements	Meets or Exceeds Requirements
SKIN SENSITIZATION	Meets or Exceeds Requirements	Meets or Exceeds Requirements

3. CONCLUSIONS DRAWN FROM NONCLINICAL AND CLINICAL TESTS THAT  
DEMONSTRATE  
SAFETY EFFECTIVENESS, AND PERFORMANCE => PREDICATE PRODUCT

The HPI Sensi Grip® Powdered Sterile Surgical Glove has been carefully compared to legally marketed devices in the 510(k). The data summaries indicate that the proposed product meets or exceeds acceptable scores for the predicate product in nonclinical tests, and satisfies the requirements for a safe and effective powdered (with protein content label labeling and Made from Allotex an enzyme treated natural rubber latex claim) medical glove.

Pursuant to 21 C.F.R. 807.87 (j), I, F.W. Perrella, Ph.D., Vice President R&D certify that to the best of my knowledge and belief and based upon the data and information submitted to me in the course of my responsibilities as the Vice President R&D for TILLOTSON HEALTHCARE CORPORATION, and in reliance thereupon, the data and information submitted in this of the substantial equivalence of this device have been knowingly omitted from this Submission.

F.W. Perrella, Ph.D.  
Vice President R&D





DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

NOV 29 2001

Dr. Frank W. Perrella  
V.P. Research and Development  
Tillotson Healthcare Corporation  
360 Route 101 W  
Bedford, New Hampshire 03110

Re: K013324

Trade/Device Name: HPI Sensi Grip Powdered Latex Surgical Gloves made from Allotex (enzyme treated) natural rubber latex with a Protein Content Labeling Claim ( 50 Micrograms or Less per gram of glove)  
Regulation Number: 878.4460  
Regulation Name: Patient Examination Gloves  
Regulatory Class: I  
Product Code: KGO  
Dated: September 30, 2001  
Received: October 5, 2001

Dear Dr. Perrella:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

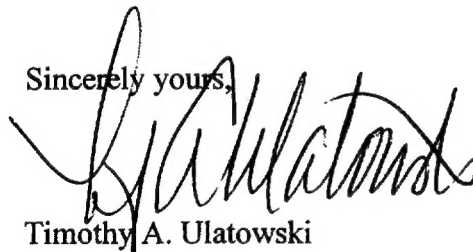
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4618. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,



Timothy A. Ulatowski  
Director

Division of Dental, Infection Control  
and General Hospital Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

HPI Sensi Grip® Sterile Powdered Latex Surgical Glove,  
With labeled Protein Content and  
Made from Allotex® an Enzyme Treated Natural Rubber Latex  
Submission Date: September 2001  
510(k) Number: K013324

- 3.0 **Indications for Use Statement:** Include the following or equivalent Indications for Use page.  
The information, data and labeling claims in the entire the 510(k) submission must support and agree with the Indications for Use statement.

**INDICATIONS FOR USE**

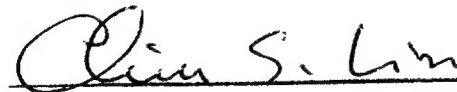
Applicant: Tillotson Healthcare Corporation

510(k) Number (if known):\* \_\_\_\_\_

Device Name: HPI Sensi Grip® Sterile Powdered Latex Surgical Glove, With labeled Protein Content and Made from Allotex® an Enzyme Treated Natural Rubber Latex ( 50 MICROGRAMS or less )

Indications For Use: **The Sensi Grip® Surgical Glove is a disposable device intended for medical use within hospitals and other healthcare facilities during invasive and non-invasive medical procedures requiring sterility. They are intended to be worn on the operating room personnel's hand to protect a surgical wound from contamination.**

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)  
Concurrence of CDRH Office of Device Evaluation (ODE)



(Division Sign-Off)  
Division of Dental, Infection Control,  
and General Hospital Devices  
510(k) Number K013324

Prescription Use \_\_\_\_\_ OR Over-The-Counter \_\_\_\_\_  
Per 21 CFR 801.109  
(Optional Format 1-2-96)

For a new submission, do NOT fill in the 510(k) number blank.